REMARKS

Claims 1-14 are pending in the application. Claims 1-14 stand rejected.

Figs. 1 and 2 are objected to as requiring a legend "Prior Art."

Substitute Figs 1 and 2 are included herewith including the designation of "Prior Art."

The specification, page 26, line 3 is objected to for a typographical error. The specification has been corrected as suggested in the Office Action. No new matter is included.

The independent claims 1, 9-11 have been amended to include the allocating unit structure of claim 5. Claim 13 has been amended to include the step of allocating as found in cliam 14. No new matter is entered. Claim 5 has been cancelled.

Applicant's independent claims include that a corresponding bandwidth is allocated for each of the logical channels according to the number of picture data sets to be transmitted.

Claims 1-5, 8-11, 13 and 14 are rejected under 35 U.S.C.§102 as being anticipated by Edens et al. (U.S. Patent 6,611,537) (Edens). Claims 6 and 7 are rejected under 35 U.S.C.§103 as being unpatentable over Edens et al. in view of Natarajan (U.S. Patent 5,742,594).

Edens teaches a network adapter for connecting a device to a synchronous logical ring network having a logical ring network topology. Information can propagate around the logical ring network to reach every device on each revolution around the network. For example a system in which video information received by DSS tuner or video source from DVD player is delivered and displayed on small TV or large TV is described referring to Fig. 1.

In addition, identical video data can be delivered and displayed on a plurality of TV sets (column 14, lines 7 through 11).

However, bandwidth of the network is <u>fixedly or dynamically allocated according to a request from a media</u> (column 25 line 9 through 12).

In contrast applicant's claims include that bandwidth is allocated for each of the logical channels according to the number of picture data sets to be transmitted..

It's indicated in the Office Action that the feature of claim 5 is disclosed in Edens column 25 lines 9-12, column 29 line 46 through column 30 line 37, column 32 lines 28-43, column 33 lines 19-57, column 34 line 17-26, column 53 line 64 through column 54 line 55. However, in reviewing each of these citations the features of allocating and the combination of unique features in not found in the reference nor is it suggested therein.

For example, according to the description in column 33 line 49-61, an unused channel is utilized when a new channel is added. However, in a case where the number of requested channels exceeds the number of available channels, the system of Edens solves the problem by; (1) Providing a switching router for dividing the logical network, or (2) Increasing the bandwidth by some kind of network device.

In contrast applicant's claimed invention includes that total bandwidth for the system is basically unchanged, and bandwidth allocated for each of the channels is adjusted according to the number picture data sets to be simultaneously transmitted.
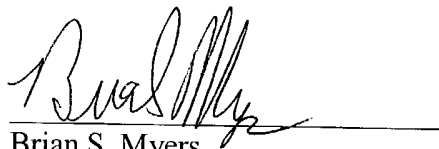
For example in an embodiment, where the number of requested channels exceeds the number of available channels, as shown in Fig. 9A and so on, the bandwidth for particular picture data will be reduced.

It is respectfully submitted that the cited reference Natarajan likewise fails to teach the features or combination of unique features discussed above with respect to the independent claims. Because Edens fails to teach or suggest applicant's claimed features it is respectfully requested the rejections be withdrawn.

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- In view of the remarks set forth above, this application is in condition for allowance which action is respectfully requested. However, should the Examiner consider this application not to be in condition for allowance, the Examiner is invited to telephone the undersigned attorney at the number listed below prior to issuing a further Action.

Any fee due with this paper may be charged to Deposit Account No. 50-1290.

Respectfully submitted,

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